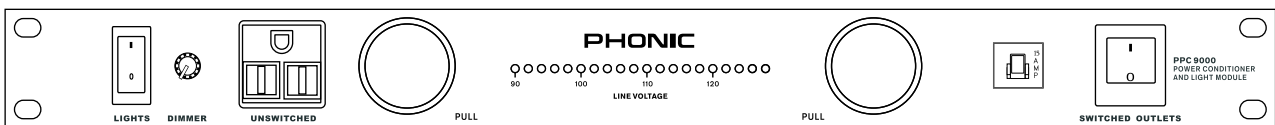


PHONIC

PPC 8000 PPC 8000E PPC 9000 PPC 9000E

Power Conditioners



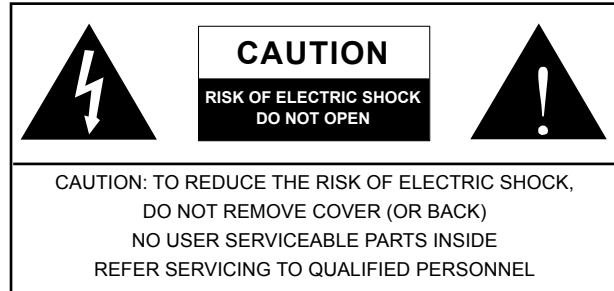
PPC 9000

IMPORTANT SAFETY INSTRUCTIONS

The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus. The MAINS plug is used as the disconnect device, the disconnect device shall remain readily operable.

Warning: the user shall not place this apparatus in the confined area during the operation so that the mains switch can be easily accessible.

1. Read these instructions before operating this apparatus.
2. Keep these instructions for future reference.
3. Heed all warnings to ensure safe operation.
4. Follow all instructions provided in this document.
5. Do not use this apparatus near water or in locations where condensation may occur.
6. Clean only with dry cloth. Do not use aerosol or liquid cleaners. Unplug this apparatus before cleaning.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plug, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

CAUTION: Use of controls or adjustments or performance of procedures other than those specified may result in hazardous radiation exposure.



PPC 8000/8000E/9000/9000E

Power Conditioners

USER'S MANUAL

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Features

- Eight switched outlets on the rear of the unit (Ten on the "E" models)
- Single, unswitched outlet on the front
- Two swiveling light fixtures for rack illumination, accompanied by a dimmer switch
- RFI / EMI filtering
- Circuit Breaker with a 15 amp rating (10 amp on "E" models)
- Heavy-duty 14-gauge AC power cord
- Triple-mode Varistor spike and surge protection
- **PPC 9000(E) addition:**
20-segment, line voltage meter reading from 90 to 128 Volts (180 to 256 Volts on the "E" model)

Introduction

Congratulations on your purchase of either the Phonic PPC 8000 or PPC 9000 Power Conditioners the perfect addition to your rack-mounted system. Not only will the PPC 8000 and 9000 provide 8 switched (and a single unswitched) AC outlets, but will also provide light in studios, on stage, and in other dark areas, through the use of its slide-out, swivel lights. The Dimmer control ensures the light intensity is set to your desired level. Installing the PPC 8000 or PPC 9000 Power Conditioners to the top of your rack can ensure all items in your set receive a suitable amount of power and light, while still being protected from high-voltage surges and transients.

PPC 8000 and 9000

Power

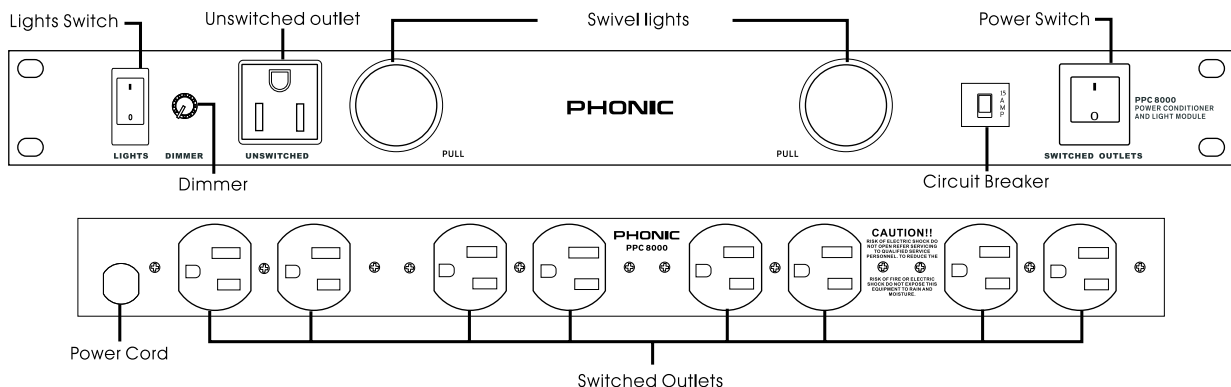
The PPC 8000 and 9000 both feature a main switch for the outlets on the rear of the device, which illuminates when on. Also featured is a single, unswitched power outlet, unique to these models, which provides the user with a single power socket for use when all the switched sockets are deactivated, allowing you to save power and, of course, money, whenever possible.

Protection

The built-in suppression circuit acts rapidly in less than a nanosecond - ensuring brief surges are reduced to safe levels in an instant. The maximum level that can be suppressed is 340 VAC, effective for spikes on any of the three AC pins, and the clamping circuitry can absorb a total of up to 240 Joules, providing an enormous amount of protection to equipment.

This filter also works to protect against Radio Frequency Interference and Electro Magnetic Interference, helping to avoid any electronic signals contaminating an AC line, thereby ensuring no foreign signals sullies audio quality. This filter can help to avoid noise that may typically occur from the use of fluorescent lights, dimmers, radio transmitters, and other devices which may cause unwanted interference.

The PPC 8000 and 9000 units do not provide protection against accidental (or intentional, for that matter) connection to a power supply of an inappropriate voltage. Irreversible damage can occur to not only the PPC device, but also to other devices connected to the Power Conditioner. Therefore, all care should be taken when connecting the PPC 8000 or 9000 to a power supply. If unsure of local voltage levels, in no way should you try to use this device until you locate this information.



Lightning poses a large problem in regards to power protection in products. Provided lightning strikes at a distant power line, the disturbance caused will be relatively small, ensuring the spikes are absorbed by the in-built transient suppressors, making them invisible. A more severe problem is posed, however, if the lightning strike is somewhat more direct (and less distant). In such a case, the PPC 8000 and 9000 are generally able to ensure protection to devices plugged into them, provided the ground pins are left in the AC cords when connecting them.

Circuit Breaker

The nine circuit-breaker protected outlets of the PPC 8000 and PPC 9000 are rated at 15 amps. If the total loading exceeds this, the circuit breaker will trip, in which case it is advised to unplug one or more of the connected devices and press the circuit breaker switch (on the front of the unit) in to reset.

Line Voltage Meter (PPC 9000 only)

These 20 colored LEDs give an indication of the Line Voltage level of the PPC 9000 (or PPC 9000E, if that's your flavor) between 90 and 128 Volts in two Volt steps. The green LEDs indicate a typical voltage range, where the moderate voltage levels are indicated in yellow. The dangerous voltage levels are indicated in red. These Voltage readings, however, are for reference only, and does in no way compensate for high or low line voltage. Furthermore, give or take 2 Volts, the accuracy of this Voltage meter is good, however this cannot be assured in extremely hot or cold temperatures.

Lights

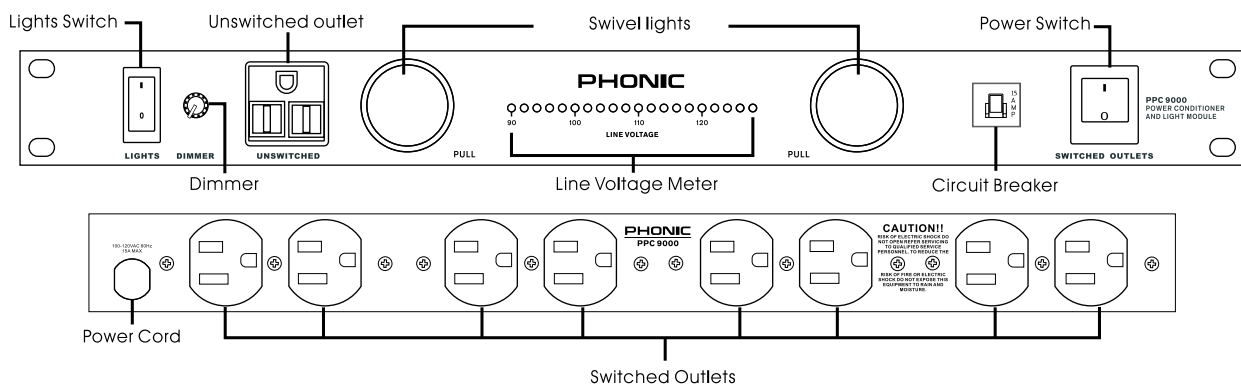
The PPC 8000 and 9000's lamps come with 5 Watt light bulbs, which can be replaced by readily available bulbs in most hardware stores, or any other place where light bulbs are sold. Removing the light bulbs to replace them is relatively simple. By unscrewing the cap of the swivel-light, you can simply remove and replace the bulb.

If you find that heat expelled from the lighting tubes is excessive, you may want to use the dimmer switch to reduce the light's intensity. If unsatisfied with this, it is possible to replace the 5 Watt light bulb with a 4 Watt bulb, thereby reducing the amount of heat produced.

Both the PPC 8000 and 9000 have a master light switch on the front, left hand side of the device. The lamps will still be on if they are pushed in or if the main, Switched Outputs, switch is off; so ensure that you turn the lights switch off when not in use.

PPC 8000E and 9000E

Intended for use in Countries with 220 to 240 volt AC lines, models of the PPC line with the E suffix feature the same general features as all other models, however accept up to 11 (rather than the typical 9) IEC-320 connectors, and are rated at 10 amps. The voltage meter on the PCC 9000E will read levels from 180 to 256 volts AC, rather than 90 to 128 on the PCC 9000 (standard).



Specifications:

PPC 8000:

Current Rating: 15 Amps with circuit breaker
Accessory outlets: 8 switched on the rear and plus 1 unswitched on the front
Input Voltage: 90 to 140 VAC
Noise Attenuation: Transverse and common modes: 20dN at 200KHZ, rising to >40dB, 1 to 100 MHz.
Lamp: 2 slide-out, swiveling light fixtures for rack illumination
Response Time: 1 nanosecond
Maximum Surge Current: 6, 500 amps
Dimensions (HxWxD): 1.75" x 19" x 6"
44.4mm x 48.2mm x 152mm
Weight: 2.4kg

PPC 9000:

All PPC 8000 Specifications, plus front panel meter to display incoming line voltage ranging from 90 to 128 volts in 2 volt steps.
Voltage Meter Accuracy:
+/- 2 VAC, Calibrated with internal trimpot alterations.
Weight: 2.6kg

PPC 8000E:

Current rating: 10 Amps with circuit breaker
Accessory outlets: 10 switched on the rear and plus 1 unswitched on the front
Input Voltage: 180 to 260 VAC
Noise Attenuation: Transverse and common modes: 20dN at 200KHZ, rising to >40dB, 1 to 100 MHz.
Lamp: 2 slide-out, swiveling light fixtures for rack illumination
Response Time: 1 nanosecond
Maximum Surge Current: 6, 500 amps
Dimensions (HxWxD): 1.75" x 19" x 6"
44.4mm x 48.2mm x 152mm
Weight: 2.4kg

PPC 9000E:

All PPC 8000E Specifications, plus front panel meter to display incoming line voltage ranging from 180 to 256 volts in 4 volt steps.
Voltage Meter Accuracy:
+/- 2 VAC, Calibrated with internal trimpot alterations.
Weight: 2.6kg

Note:

The PPC 8000E & 9000E are intended for use in countries with nominal 220 to 240 volt AC line, using internationally-accepted IEC-320 connectors

TO PURCHASE ADDITIONAL PHONIC GEAR AND ACCESSORIES

To purchase Phonic gear and optional accessories, contact any authorized Phonic distributor. For a list of Phonic distributors please visit our website at www.phonic.com and click on Get Gear. You may also contact Phonic directly and we will assist you in locating a distributor near you.

SERVICE AND REPAIR

Phonic has over 100 service centers worldwide. For replacement parts, service and repairs please contact the Phonic distributor in your country. Phonic does not release service manuals to consumers, and advice users to not attempt any self repairs, as doing so voids all warranties. You can locate a dealer near you at www.phonic.com.

WARRANTY INFORMATION

Phonic stands behind every product we make with a no-hassles warranty. Warranty coverage may be extended, depending on your region. Phonic Corporation warrants this product for a minimum of one year from the original date of purchase against defects in material and workmanship under use as instructed by the user's manual. Phonic, at its option, shall repair or replace the defective unit covered by this warranty. Please retain the dated sales receipt as evidence of the date of purchase. You will need it for any warranty service. No returns or repairs will be accepted without a proper RMA number (return merchandise authorization). In order to keep this warranty in effect, the product must have been handled and used as prescribed in the instructions accompanying this warranty. Any tempering of the product or attempts of self repair voids all warranty. This warranty does not cover any damage due to accident, misuse, abuse, or negligence. This warranty is valid only if the product was purchased new from an authorized Phonic dealer/distributor. For complete warranty policy information, please visit <http://www.phonic.com>.

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We encourage you to visit our online help at <http://www.phonic.com/help/>. There you can find answers to frequently asked questions, tech tips, driver downloads, returns instruction and other helpful information. We make every effort to answer your questions within one business day.

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